

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Adolfo J. de BoldArt Unit: 3736Serial No.: 10/712,335Examiner: UnknownFiled: November 13, 2003::Title: PREDICTING, DETECTING AND MONITORING TREATMENT OF<br/>CARDIOMYOPATHIES AND MYOCARDITIS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed before the receipt of a first Office action on the merits.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

18 Feb Date:

Rolando Medina Reg. No. 54,756

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Sheet <u>1</u> of <u>2</u> 0 2004 Substitute Form PTO-1449 (Modified) U.S. Department of Commerce Attorney's Docket No. Application No. Patent and Trademark Office 14703-002001 10/712,335 1DF Applicant Information Disclosure Statement Adolfo J. de Bold **by Applicant** (Use several sheets if necessary) Filing Date Group Art Unit November 13, 2003 3736 (37 CFR §1.98(b))

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date
/V.L.F./	AA	5,786,183	7/28/1998	Ryder et al.	435	91.2	
V	AB	6,117,644	9/12/2000	DeBold	435	7.1	
Ŵ	AC						
	AD						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	slation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
/V.L.F./	AE	WO 97/32900	12 Sep 1997	WIPO				
	AF	EP 542255	17 Feb 1999	European Patent Office				
¥	AG					•		

Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner	Desig.			
Initial	ID	Document		
/V,L,F,/ AH Altemose et al., "Altered Myocardial Phenotype After Mechanical Support in Human Advanced Cardiomyopathy" J. Heart Lung Transplant 16:765-73, 1997.		Altemose et al., "Altered Myocardial Phenotype After Mechanical Support in Human Beings with Advanced Cardiomyopathy" J. Heart Lung Transplant 16:765-73, 1997.		
B	AI	Arad et al., "Brain and Atrial Natriuretic Peptides in Patients with Ischemic Heart Disease with and without Heart Failure" <i>Cardiology</i> 87:12-17, 1996.		
	AJ	Ationu et al., "Ventricular Expression of Brain Natriuretic Peptide Gene Following Orthotopic Cardiac Transplantation in Children" <i>Cardiovascular Res.</i> 27:2135-2139, 1993.		
000000000000000000000000000000000000000	AK	Blanche et al., "Heart Transplantation for Chagas' Cariomyopathy" Ann. Thorac. Surg. 60:1406-8, 1995.		
	AL Carnio et al., "Elevated Levels of Natriuretic Peptides in Lungs of Hamsters with Genetic Cardiomyopathy" <i>Regulatory Peptides</i> 70:67-73, 1997.			
	AM	Davis et al., "Atrial Natriuretic Peptide Levels in the Prediction of Congestive Heart Failure Risk in Frail Elderly" <i>JAMA</i> 267:2625-2629, 1992.		
000000000000000000000000000000000000000	AN	Fruhwald et al., "Natriuretic Peptides in Patients with Diastolic Dysfunction Due to Idiopathic Dilated Cardiomyopathy" <i>E. Heart J.</i> 20:1415-1423, 1999.		
	AO	Geny et al., "Transient Reduction Without Normalization of Brain Natriuretic Peptide Early After Heart Transplantation" J. of Thorac. Cardiovasc. Surgery 115:473-5, 1988.		
	AP	Hall et al., "Prognostic Value of N-Terminal Proatrial Natriuretic Factor Plasma Levels Measured Within the First 12 Hours After Myocardial Infarction" J. Am. Coll. Cardiol. 26(6):1452-1456, 1995.		
	AQ	Hamada et al., "Increased Plasma Levels of Adrenomedullin in Patients with Hypertrophic Cardiomyopathy:" <i>Clinical Science</i> 94:21-28, 1997.		
	AR	Hasegawa et al., "Ventricular Expression of Brain Natriuretic Peptide in Hypertrophic Cardiomyopathy" <i>Circulation</i> 88:372-80, 1993.		

Examiner Signature /Vanessa Ford/	Date Considered 08/16/2009
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	t in conformance and not considered. Include copy of this form with

101P	2004 SCI E				Sheet <u>2</u> of <u>2</u>
田 2		Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14703-002001	Application No. 10/712,335
S TPAL	Information Disclosure Statement by Applicant			Applicant Adolfo J. de Bold	
	(Use several sheets if necessary) (37 CFR §1.98(b))			Filing Date November 13, 2003	Group Art Unit 3736

Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner	Desig.			
Initial ID Document		Document		
		Hunt et al., "The Amino-Terminal Portion of Pro-Brain Natriuretic Peptide (Pro-BNP) Circulates in Human Plasma" <i>Biochem. And Biophys. Res. Comm.</i> 214(3):1175-1183, 1995.		
AT Lerman et al., "Circulating N-Terminal Atrial Natriuretic Peptide as a Marker for Sympto Ventricular Dysfunction" <i>Lancet</i> 341:1109-1113, 1993.		Lerman et al., "Circulating N-Terminal Atrial Natriuretic Peptide as a Marker for Symptomless Left- Ventricular Dysfunction" <i>Lancet</i> 341:1109-1113, 1993.		
00000000000	AU	Motwani et al., "Plasma Brain Natriuretic Peptide as an Indicator for Angiotensin-Converting- Enzyme Inhibition after Myocardial Infarction" <i>Lancet</i> 341:1109-1113, 1993.		
0000000000	AV	Nishigaki et al., "Marked Expression of Plasma Brain Natriuretic Peptide is a Special Feature of Hypertrophic Obstructive Cardiomyopathy" J. Am. Coll. Cardiol. 28:1234-42, 1996.		
Puyo et al., "Atrial Natriuretic Factor as Marker of Myocardial Compromise in Chagas' Di		Puyo et al., "Atrial Natriuretic Factor as Marker of Myocardial Compromise in Chagas' Disease" <i>Regulatory Peptides</i> 105:139-143, 2002.		
	AX Ribeiro et al., "Brain Natriuretic Peptide and Left Ventricular Dysfunction in Chagas" Lancet 360:461-462, 2002.			
000000000000000000000000000000000000000	AY Ribeiro et al., "Intermediate Form of Chagas' Disease: Considerations About Diagnosis a Prognosis" <i>Rev. Soc. Bras. Med. Trop.</i> 31:301-14, 1998.			
Takemura et al., "Ventricular Expression of Atrial and Brain Natriuretic Peptides in Patie		Takemura et al., "Ventricular Expression of Atrial and Brain Natriuretic Peptides in Patients with Myocarditis" J. of Cardiology 52:213-222, 1995.		
Tateyama et al., "Concentrations and Molecular Forms of Human Brain Natriuretic Peptide		Tateyama et al., "Concentrations and Molecular Forms of Human Brain Natriuretic Peptide in Plasma" <i>Biochem. And Biophys. Res. Comm.</i> 185(2):760-767, 1992.		
	ABB	Yasue et al., "Localization and Mechanism of Secretion of B-Type Natriuretic Peptide in Comparison with those of A-Type Natriuretic Peptide" Circulation 90:195-203, 1994.		
V	ACC	Yokota et al., "Dissociation of Cardiac Hypertrophy, Mysoin Heavy Chain Isoform Expression, and Natriuretic Peptide Production in DOCA-Salt Rats" Am. J. of Hypertension 8:301-10, 1995.		

Examiner Signature	Date Considered		
/Vanessa Ford/	08/16/2009		
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